

REMARKS/ARGUMENTS

Reconsideration of this application in light of the above amendments and following comments is courteously solicited.

Initially, Applicants submit for the examiner's approval amended Figures 4a and 8b which now set forth the length ratio disclosed and claimed in the instant application. The examiner is respectfully requested to approve these drawing corrections.

The claims have been amended so as to overcome the examiner's rejections under 35 U.S.C. 112, second paragraph and his rejection under 35 U.S.C. 101. With regard to the rejection of previously submitted claims 1-6 under 35 U.S.C. 112, first paragraph, it is submitted that the claims as amended overcome this rejection. In addition, the specification has been amended on Pages 11, 19 and 20. It is submitted that the claims amendments do not contain new matter. The reworded amended specification clarifies the grammatical and transcriptional errors references by the examiner in Paragraph 5 of his office action.

In light of the foregoing, Applicants respectfully request an early action on the merits.

With regard to amended independent claim 1, the claim has been amended so as to set forth a reactor vessel (100) which comprises a pressure vessel (5) and a core barrel (10) and a plurality of longitudinal corrugations located between the

pressure vessel (5) and the core barrel (10). The minor amendments to independent claim 1 make the foregoing structure clear and definite as required by 35 U.S.C. 112, second paragraph.

An early action on the merits is respectfully requested.

An earnest and thorough attempt has been made by the undersigned to resolve the outstanding issues in this case and place same in condition for allowance. If the Examiner has any questions or feels that a telephone or personal interview would be helpful in resolving any outstanding issues which remain in this application after consideration of this amendment, the Examiner is courteously invited to telephone the undersigned and the same would be gratefully appreciated.

It is submitted that the claims as amended herein patentably define over the art relied on by the Examiner and early allowance of same is courteously solicited.

If any fees are required in connection with this case, it
is respectfully requested that they be charged to Deposit
Account No. 02-0184.

Respectfully submitted,

Tae-Soon Kwon et al.

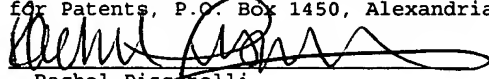
By



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Date: September 23, 2004

I hereby certify that this correspondence is being deposited with the United States Postal
Service with sufficient postage as first class mail in an envelope addressed to: "Commissioner
for Patents, P.O. Box 1450, Alexandria, VA 22313" on September 23, 2004.


Rachel Pisertelli

Amendments to the Drawings:

The attached sheets of drawings include Figures 4a and 8b which now set forth the length ratio disclosed and claimed in the instant application.

Attachment: Replacement Sheets